

When the milled surface is to be left as the final wearing surface, ensure that indices do not exceed:

- 1025 on milled pavement surfaces on interstates when the milled surface will be the final wearing surface
- 1175 for other on-system routes when the milled surface will be the final wearing surface
- 1175 on Interstates and 1325 for other on-system routes if the milled surface will be overlaid

Remill mile (kilometer) areas to meet the specified limits when the indices are exceeded. Remill at no additional cost to the Department.

Milled pavement surfaces are subject to visual and straightedge inspection. Keep a 10 ft (3 m) straightedge near the milling operation to measure surface irregularities of the milled pavement surface. Remill irregularities greater than 1/8 in per 10 ft (3 mm in 3 m) at no additional cost to the Department.

Ensure that the cross slope is uniform and that no depressions or slope misalignments greater than 1/4 in per 12 ft (6 mm in 3.6 m) exist when the slope is tested with a straightedge placed perpendicular to the center line.

#### **432.3.07 Contractor Warranty and Maintenance**

General Provisions 101 through 150.

### **432.4 Measurement**

Milling existing asphaltic concrete pavement is measured by the square yard (meter) as described in Subsection 109.01, "Measurement and Quantities."

#### **432.4.01 Limits**

General Provisions 101 through 150.

### **432.5 Payment**

Milling asphaltic concrete pavement, measured as specified, will be paid for at the Contract Unit Price bid per square yard (meter). The price bid for this item includes the credit value of all Reclaimed Asphalt Pavement (RAP) recovered, and no adjustment in the unit price for this item or other items will be considered for variations in the amount of RAP actually recovered.

Payment is full compensation for furnishing equipment, milling, hauling, stockpiling milled material, and satisfactorily performing the work.

Payment will be made under:

Item No. 432	Mill asphaltic concrete pavement, ____ in (mm) depth	Per square yard (meter)
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#### **432.5.01 Adjustments**

General Provisions 101 through 150.

## **Section 433—Reinforced Concrete Approach Slabs**

### **433.1 General Description**

This work includes building reinforced concrete approach slabs for bridges on completed and accepted subgrades.

#### **433.1.01 Definitions**

General Provisions 101 through 150.

#### **433.1.02 Related References**

##### **A. Standard Specifications**

Section 430—Portland Cement Concrete Pavement

Section 441—Miscellaneous Concrete

Section 500—Concrete Structures

Section 511—Reinforcement Steel

Section 621—Concrete Barrier

Section 853—Reinforcement and Tensioning Steel

**B. Referenced Documents**

General Provisions 101 through 150.

**433.1.03 Submittals**

General Provisions 101 through 150.

**433.2 Materials**

Ensure that materials meet these requirements:

**A. Concrete**

Use concrete specified as Class A concrete (see Section 500) or pavement concrete (see Section 430).

**B. Steel Bars for Concrete Reinforcement**

See Subsection 853.2.01.

**C. Forms**

Use steel or wood forms that meet the requirements of Section 430 or Section 500.

**D. Concrete and Reinforcement Steel**

Ensure that concrete for approach slabs is proportioned, mixed, placed, and cured according to Section 430 or that it meets the requirements for Class A concrete (Section 500).

Place reinforcement steel according to Section 511.

**433.2.01 Delivery, Storage, and Handling**

General Provisions 101 through 150.

**433.3 Construction Requirements**

**433.3.01 Personnel**

General Provisions 101 through 150.

**433.3.02 Equipment**

General Provisions 101 through 150.

**433.3.03 Preparation**

General Provisions 101 through 150.

**433.3.04 Fabrication**

General Provisions 101 through 150.

**433.3.05 Construction**

Construct the approach slab before placing the adjacent roadway paving, unless otherwise specified in the Plans.

**A. Approach Slabs**

Finish, cure, and protect the approach slabs as specified in Subsection 500.3.05.Q, “Place Concrete” and Subsection 500.3.05.Z.3, “Bridge Deck Curing.”

**B. Curbs**

Construct curbs of the dimensions required monolithic with the approach slab, when specified on the Plans. Place, finish, and cure the curb as specified in Section 441.

**C. Barriers**

Construct and finish the barriers according to Section 500, Section 621 and Plan details. Use concrete that is Class A or better and proportioned and mixed according to Section 500.

**D. Final Finish**

When the concrete has hardened and standing water and moisture sheen have disappeared, give the concrete a final finish, manually or mechanically, according to requirements in Section 500 for bridge decks.

**433.3.06 Quality Acceptance**

The riding quality of approach slabs will be tested with the Rainhart Profilograph as part of the bridge deck according to Subsection 500.3.06.E, "Ride Quality Test".

**433.3.07 Contractor Warranty and Maintenance**

General Provisions 101 through 150.

**433.4 Measurement**

The quantity for payment for reinforced concrete approach slabs is the number of square yards (meters) complete in place and accepted. The pay area is computed by the overall length and width of the approach slabs as shown on the Plans, with no deductions for areas with end posts and expansion joints.

**433.4.01 Limits**

Curbs, barriers, and reinforcing steel are not measured for payment, but their cost is included in the price bid for the individual Contract item.

**433.5 Payment**

The area measured will be paid for at the Contract Unit Price per square yard (meter).

Payment will be made under:

Item No. 433	Reinforced concrete approach slab	Per square yard (meter)
Item No. 433	Reinforced concrete approach slab, including curb	Per square yard (meter)
Item No. 433	Reinforced concrete approach slab, including barrier	Per square yard (meter)
Item No. 433	Reinforced concrete approach slab, including sloped edge	Per square yard (meter)

**433.5.01 Adjustments**

General Provisions 101 through 150.

## **Section 434—Asphalt Paved Ditches**

**434.1 General Description**

This work includes paving ditches, spillways, and other similar waterways with hot asphalt mixture.

**434.1.01 Definitions**

General Provisions 101 through 150.

**434.1.02 Related References****A. Standard Specifications**

Section 400—Hot Mix Asphaltic Concrete Construction

Section 802—Aggregates for Asphaltic Concrete

Section 820—Asphalt Cement

Section 828—Hot Mix Asphaltic Concrete Mixtures

**B. Referenced Documents**

GDT 7

GDT 66

GDT 115